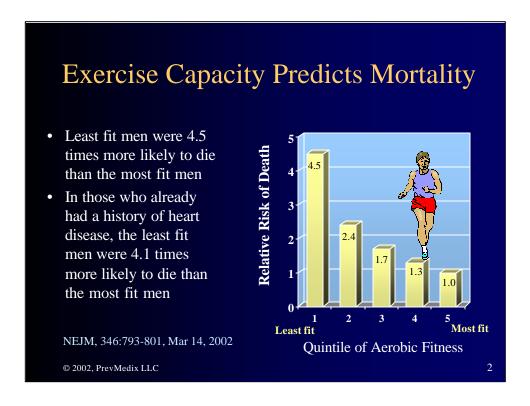


In this study, aerobic capacity, after adjusting for age, was a strong predicator of mortality rates. Notice that the largest increase in mortality was between the most unfit and the next category. Those who are unfit have the most to gain from a regular exercise program!

Reference

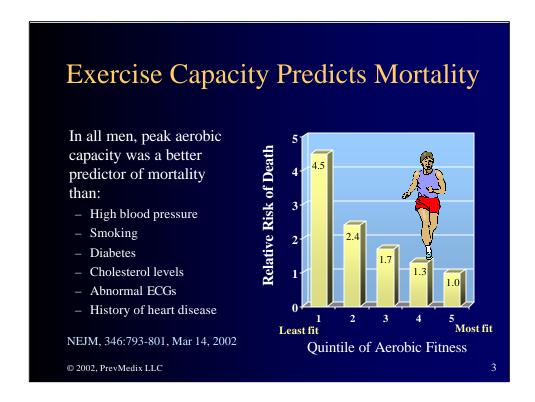


Men in this study were divided into two groups: those with a history of heart disease, and healthy men (no heart disease. In the group of healthy men, the least fit men (bottom 20%) were 4.5 times more likely to die during this study period (from any cause) than the most fit (top 20%). The most fit healthy men had MET levels of 13.0 or higher. The least fit had peak aerobic capacities less than 6.0 METs.

In those men who had a history of heart disease (3679 men) those who were least fit (<5.0 METs) were 4.1 times more likely to die than the most fit (10.7+ METs) men.

The graph above shows data for the healthy men group. Those with heart disease had a graph that was very similar.

Reference



Of all the traditional risk factors, the level of physical capacity was a stronger predictor of who would survive and who wouldn't.

Reference

Summary Findings

- This study confirms the presence of a graded, inverse relation between exercise capacity and mortality
- For every one MET increase in treadmill performance, there was a 12% increase in survival
- The greatest health benefits are achieved by increasing physical activity among the least fit
- If you have a health risk (high cholesterol, diabetes, smoker, high BP etc.) being fit cuts your mortality in half compared to being unfit

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These findings show how important being fit is to your survival. The good news is that fitness levels can be improved with regular, aerobic exercise.

Reference